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(54) Title: POLYPROPYLENE RESIN COMPOSITION

(57) Abstract: A polymer blend includes a first random copolymer of propylene and one or more C₂-C₂₀ α-olefins other than propylene having a melting point of above 116°C and up to about 145°C and which constitutes from about 60 weight percent to about 95 weight percent of the composition, and a second random copolymer of propylene and one or more C₂-C₂₀ α-olefins other than propylene having a melting point of from about 70°C to no more than 116°C and which constitutes from about 5 weight percent to about 40 weight percent of the composition. The polymer blend includes a xylene soluble fraction having a weight average molecular weight of above about 100 kg/mol and an intrinsic viscosity of above about 1.0 dl/g.

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INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 263 718 A (MITSUI PETROCHEMICAL IND) 13 April 1988 (1988-04-13) cited in the application tables 1-4</p> <p style="text-align: center;">-----</p>	<p>1-24, 26-32</p>

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-24, 26-32

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24,26-32

as far as compositions comprising blends of polypropylene a) and b) are concerned

2. claim: 25

as far as compositions comprising fractions a)-e) are concerned

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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